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**Examiner:** James W. Keenan

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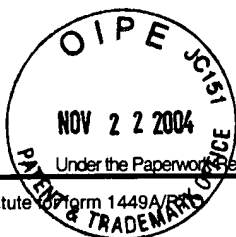
If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/AMAT/6199/KMT.

Respectfully submitted,



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Keith M. Tackett  
Registration No. 32,008  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056  
Telephone: (713) 623-4844  
Facsimile: (713) 623-4846  
Attorney for Applicants



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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 7

**Complete if Known**

|                        |                              |
|------------------------|------------------------------|
| Application Number     | 09/982,406                   |
| Filing Date            | October 17, 2001             |
| First Named Inventor   | White, et al.                |
| Art Unit               | 3652                         |
| Examiner Name          | James W. Keenan              |
| Attorney Docket Number | AMAT/6199/DISPLAY/AHRDWR/RKK |

**U.S. PATENT DOCUMENTS**

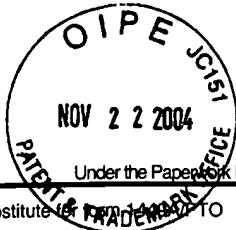
| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Document Number                            | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of<br>Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|------------------------|--------------------------|--------------------------------------------|--------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
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|                        | A3                       | US-6,726,823                               | 04/27/2004                     | Wang, et al.                                       |                                                                                 |
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|                        | A34                      | US-6,328,872                               | 12/11/2001                     | Talieh, et al.                                     |                                                                                 |

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Sheet 2 of 7

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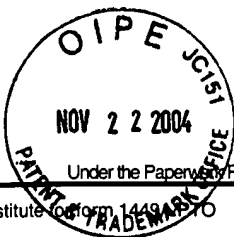
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|                        | A46                      | US-6,222,337                               | 04/24/2001                     | Kroecker, et al.                                   |                                                                                 |
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Sheet 3 of 7

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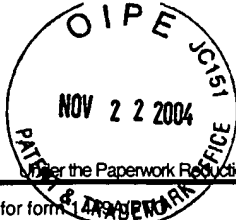
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|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
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|                        | A79                      | US-5,578,362                               | 11/26/1996                     | Reinhardt, et al.                                  |                                                                                 |
|                        | A80                      | US-5,575,706                               | 11/19/1996                     | Tsai, et al.                                       |                                                                                 |
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|                        |                          | Number - Kind Code <sup>2</sup> (if known) |                                |                                                    |                                                                                 |
|                        | A104                     | US-3,162,588                               | 12/22/1964                     | R. M. Bell                                         |                                                                                 |
|                        | A105                     | US-2003/0213703                            | 11/20/2003                     | Wang, et al.                                       |                                                                                 |
|                        | A106                     | US-2003/0150079                            | 08/14/2003                     | Takai, et al.                                      |                                                                                 |
|                        | A107                     | US-2003/0116446                            | 06/26/2003                     | Duboust, et al.                                    |                                                                                 |
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|                        | A110                     | US-2003/0034131                            | 02/20/2003                     | Park, et al.                                       |                                                                                 |
|                        | A111                     | US-2002/0130634                            | 09/19/2002                     | Ziemkowski, et al.                                 |                                                                                 |
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|                        | A117                     | US-2002/0077037                            | 06/20/2002                     | Tietz                                              |                                                                                 |
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|                        | A119                     | US-2002/0025763                            | 02/28/2002                     | Lee, et al.                                        |                                                                                 |
|                        | A120                     | US-2002/0025760                            | 02/28/2002                     | Lee, et al.                                        |                                                                                 |
|                        | A121                     | US-2002/0020621                            | 02/21/2002                     | Uzoh, et al.                                       |                                                                                 |
|                        | A122                     | US-2002/0011417                            | 01/31/2002                     | Talieh, et al.                                     |                                                                                 |
|                        | A123                     | US-2002/0008036                            | 01/24/2002                     | Wang                                               |                                                                                 |
|                        | A124                     | US-2001/0042690                            | 11/22/2001                     | Talieh                                             |                                                                                 |
|                        | A125                     | US-2001/0040100                            | 11/15/2001                     | Wang                                               |                                                                                 |
|                        | A126                     | US-2001/0036746                            | 11/01/2001                     | Sato, et al.                                       |                                                                                 |
|                        | A127                     | US-2001/0035354                            | 11/01/2001                     | Ashjaee, et al.                                    |                                                                                 |
|                        | A128                     | US-2001/0027018                            | 10/04/2001                     | Molnar                                             |                                                                                 |
|                        | A129                     | US-2001/0024878                            | 09/27/2001                     | Nakamura                                           |                                                                                 |
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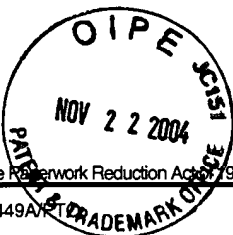
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**INFORMATION DISCLOSURE  
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Sheet 5 of 7

**Complete if Known**

|                        |                              |
|------------------------|------------------------------|
| Application Number     | 09/982,406                   |
| Filing Date            | October 17, 2001             |
| First Named Inventor   | White, et al.                |
| Art Unit               | 3652                         |
| Examiner Name          | James W. Keenan              |
| Attorney Docket Number | AMAT/6199/DISPLAY/AHRDWR/RKK |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document                                                             | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | † <sup>6</sup> |
|-----------------------|--------------------------|-------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------|----------------|
|                       |                          | Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) |                                   |                                                       |                                                                                    |                |
|                       | B1                       | EP 1 368 826 A1                                                                     | 12/10/2003                        | Chen, et al.                                          |                                                                                    |                |
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|                       | B8                       | JP 11130249 (abstract)                                                              | 05/18/1999                        | Satoshi, et al.                                       |                                                                                    |                |
|                       | B9                       | JP 11042554                                                                         | 02/16/1999                        | Sato Uichi                                            |                                                                                    |                |
|                       | B10                      | JP 09293684                                                                         | 11/11/1997                        | Toshiba, Corp.                                        |                                                                                    |                |
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|                       | B31                      | WO 01/13416                                                                         | 02/22/2001                        | Uzoh, et al.                                          |                                                                                    |                |

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| Examiner<br>Signature |  | Date<br>Considered |  |
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|                                                                                                                                                                      |   |    | Application Number       | 09/982,406                   |  |
|                                                                                                                                                                      |   |    | Filing Date              | October 17, 2001             |  |
|                                                                                                                                                                      |   |    | First Named Inventor     | White, et al.                |  |
|                                                                                                                                                                      |   |    | Art Unit                 | 3652                         |  |
|                                                                                                                                                                      |   |    | Examiner Name            | James W. Keenan              |  |
|                                                                                                                                                                      |   |    | Attorney Docket Number   | AMAT/6199/DISPLAY/AHRDWR/RKK |  |
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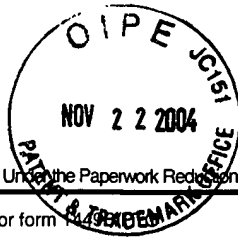
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**INFORMATION DISCLOSURE  
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Sheet 7 of 7

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| Filing Date            | October 17, 2001             |
| First Named Inventor   | White, et al.                |
| Art Unit               | 3652                         |
| Examiner Name          | James W. Keenan              |
| Attorney Docket Number | AMAT/6199/DISPLAY/AHRDWR/RKK |

**NON PATENT LITERATURE DOCUMENTS**

| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| /                      | C1                       | Communication pursuant to Article 96(2) EPC for Application No. 02728965.4, dated June 11, 2004 (AMAT/4100.EP)                                                                                                                                                  |                |
| /                      | C2                       | Communication pursuant to Article 96(2) EPC; Application No. 02 801 637.6 – 1235 dated 08/27/2004                                                                                                                                                               |                |
| /                      | C3                       | Contolini, "Electrochemical Planarization of ULSI Copper," Solid State Technology, Vol. 40, No. 6, June 1, 1997                                                                                                                                                 |                |
| /                      | C4                       | Alexander, Jr., "Electrically Conductive Polymer Nanocomposite Materials", <a href="http://www.afrlhorizons.com/Briefs/Sept02/ML0206.html">http://www.afrlhorizons.com/Briefs/Sept02/ML0206.html</a> printed 02/19/2003                                         |                |
| /                      | C5                       | European Search Report for 03252801.0, dated January 16, 2004 (AMAT/7047.EP)                                                                                                                                                                                    |                |
| /                      | C6                       | Nogami; <i>An Annovation to Integrate Porous Low-k Materials and Copper</i> ; InterConnect Japan 2001; Honeywell Seminar December 6, 2001; Pages 1 - 12                                                                                                         |                |
| /                      | C7                       | PCT Search Report dated February 25, 2003 for PCT/US02/11009.                                                                                                                                                                                                   |                |
| /                      | C8                       | PCT Written Opinion for International Application US/02/11009 dated April 10, 2002                                                                                                                                                                              |                |
|                        | C9                       |                                                                                                                                                                                                                                                                 |                |
|                        | C10                      |                                                                                                                                                                                                                                                                 |                |
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